



Serial No. 09/581,287

--ABSTRACT OF THE DISCLOSURE

A system for supplying electricity to a motor vehicle using a capacitor having a maximum value greater than the maximum value of a rechargeable battery. A transformer provides discharging of the capacitor from its maximum voltage down to the maximum voltage of the battery in order to provide excess energy in a short period of time to effectively charge the battery and simultaneously increase the service life of the chargeable battery.--

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MAR 26 2002
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